



Recommendations to *Decrease* Risk of Laser Damage to Suspension Wires

- Prepare baffles for mounting on sensitive optics during next vent opportunity
- Incorporate bias slider limiters on IO and RM
 - To be locked in once nominal bias established
 - Use a preset misalignment button if procedural misalignments are required, not a slider
- Incorporate PSL shutter closure based on shadow-sensor or optical lever triggers
 - Epics not fast enough to stop a direct hit of a 5-10 W beam onto wire, but such an immediate direct hit is unlikely
 - IO steering optics should accommodate a tight threshold